COMMISSION DECISION

of 15 April 1993

laying down the reference methods and the list of national reference laboratories for detecting residues

(93/257/EEC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Council Directive 64/433/EEC of 26 June 1964 on health problems affecting intra-Community trade in fresh meat [1], as last amended by Directive 92/5/EEC [2], and in particular Article 8 (1),

Having regard to Council Directive 85/397/EEC of 5 August 1985 on health and animal-health problems affecting intra-Community trade in heat-treated milk [3], as last amended by Directive 89/662/EEC [4], and in particular the third subparagraph of Article 11 (4),

Whereas Commission Decision 93/256/EEC [5] lays down the methods to be used for detecting residues of substances having a hormonal or a thyrostatic action; whereas the abovementioned Decision defines procedures to be followed and criteria to be applied when carrying out the analyses; whereas a provision on reference methods should refer to the criteria laid down for confirmatory methods;

Whereas Commission Decision 90/515/EEC [6] lays down the reference methods for detecting residues of heavy metals and arsenic; whereas provision should be made for reference methods for detecting residues other than heavy metals and arsenic;

Whereas the last subparagraph of Article 8 (1) of Directive 64/433/EEC provides for the designation in each Member State of at least one reference laboratory for carrying out the examination for residues;

Whereas in accordance with Article 8 (1) (b) of Council Directive 86/469/EEC of 16 September 1986 concerning the examination of animals and fresh meat for the presence of residues [7], as amended by Decision 89/187/EEC [8], the national reference laboratories are to be responsible for coordinating the standards and methods of analysis for each residue or group of residues concerned, including the arrangement of periodic comparative tests of split samples by approved laboratories, and of compliance with the limits laid down;

Whereas in view of developments in scientific and technical knowledge, and for the sake of clarity, it is necessary to revoke Commission Decision 89/610/EEC [9];

Whereas the measures provided for in this Decision are in accordance with the opinion of the Standing Veterinary Committee,

HAS ADOPTED THIS DECISION:

Article 1

The analytical reference procedures to be applied for the confirmation of the presence of residues of the substances listed in Annex I to Directive 86/469/EEC, with the exception of chemical elements such as heavy metals and arsenic, are the following:

— immunoassay,
— thin-layer chromatography,
— liquid chromatography,
— gas chromatography,
— mass spectrometry,
— spectrometry,

or any other procedure which fulfils comparable criteria to those specified in Article 3 hereof.

Article 2

The analytical reference procedure of choice must be based:

(a) preferably, on molecular spectrometry providing direct information concerning the molecular structure of the substance under examination; or

(b) on a combination of independent procedures providing indirect information concerning the molecular structure of the substance under examination;

and must have appropriate limits of detection and determination.

(1) OJ No 121, 29. 7. 1964, p. 2012/64.
(2) OJ No L 57, 2. 3. 1992, p. 1.
(3) OJ No L 226, 24. 8. 1985, p. 13.
(4) OJ No L 395, 30. 12. 1989, p. 13.
(5) See page 64 of this Official Journal.
(6) OJ No L 286, 18. 10. 1990, p. 33.
(7) OJ No L 275, 26. 9. 1986, p. 36.
(8) OJ No L 66, 10. 3. 1989, p. 37.
(9) OJ No L 351, 2. 12. 1989, p. 39.

Article 3

The criteria applicable to analytical reference procedures are the criteria for confirmatory methods as set out in points 1.2.3. to 1.2.6. and 2.1. to 2.2.5.3. and 2.4. to 2.5. of the Annex to Decision 93/256/EEC.

Article 4

The reference laboratories in the Member States responsible for carrying out the reference analyses are listed in the Annex.

Article 5

This Decision shall be re-examined before 1 January 1996 in order to take account of developments in scientific and technical knowledge.

Article 6

Decision 89/610/EEC is hereby revoked.

Article 7

This Decision is addressed to the Member States.

Done at Brussels, 15 April 1993.

For the Commission

René STEICHEN

Member of the Commission

ANNEX

NATIONAL REFERENCE LABORATORIES

Member State	Reference Laboratory	Residue groups
Belgium	Institut d'hygiène et d'épidémiologie rue J. Wijtsman 14 B-1050 Bruxelles	All groups
Denmark	Veterinærdirektoratets Laboratorium Odinsvej Postboks 93 4 DK-4100 Ringsted	Group A
	Levnedsmiddelstyrelsens Centrallaboratorium Mørkhøj Bygade 19 DK-2860 Søborg	Group B
Germany	Robert von Ostertag-Institut des Bundesgesundheitsamtes Diedersdorfer Weg 1 1000-Berlin 48	β-Agonists Chloramphenicol Sulfonamides
	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen Institut Chemnitz Hohe Straße 27/29 O-9005 Chemnitz	Stilbenes
	Staatliches Medizinal-, Lebensmittel- und Veterinäruntersuchungsamt Druseltalstraße 63 W-3500 Kassel	Trenbolon Nortestosterone
	Staatliches Veterinäruntersuchungsamt Arnsberg Zur Taubeneiche 10-12 W-5760 Arnsberg 2	Zeranol Ethinylœstradiol Thyrostatic substances
	Staatliches Medizinal-, Lebensmittel- und Veterinäruntersuchungsamt Mittelhessen Marburger Straße 54 W-6300 Gießen	Gestagenic substances
	Landesuntersuchungsamt für das Gesundheitswesen Südbayern Veterinärstraße 2 W-8042 Oberschleißheim	Natural hormones
	Staatliches Veterinäruntersuchungsamt Hannover Eintrachtweg 17 W-3000 Hannover 1	Penicillin Tetracyclines Quinolone
	Chemische Landesuntersuchungsanstalt Stuttgart Breitscheidstraße 4 W-7000 Stuttgart 1	Nitrofuran
	Chemische Landesuntersuchungsanstalt Karlsruhe 1 Hoffstraße 3 W-7500 Karlsruhe 1	Avermectin
	Chemisches Landesuntersuchungsamt Nordrhein-Westfalen Sperlichstraße 19 W-4400 Münster	Tranquillizers and β-blockers
	Chemische Landesuntersuchungsanstalt Freiburg Biffierstraße 5 W-7800 Freiburg 1	Organochlorine PCBs
	Staatliches Veterinär- und Lebensmitteluntersuchungsamt Potsdam Pappelallee 2 O-1572 Potsdam	Heavy metals

Member State	Reference Laboratory	Residue groups
Greece	Institute of Food Hygiene Department of Residue Analysis Iera odos 75, Botanikos GR-118 55 — Athens	Group A I (b) (thyrostatic substances) Group A III (a) (antimicrobial substances) Groups B I (a) (endo- and ectoparacitic subs.) Group B I (b) (tranquillizers and β-blockers) Group B I (c) (β agonist) Grope B II (b) (chlorinated pesticides, PCBs) Group B II (c) (other substances)
	Institute of Biochemistry, Toxicology and Nourishment of Animals Neapoleos, 25 Aghia Paraskeví GR-153 10 Athens	Group A I (a), (c) Group A II Group A III (b) Group B II (b) (heavy metals Pb-Cd) Group B II (a)
Spain	Centro Nacional de Alimentación Carretera Pozuelo-Majadahonda km 6,2 Majadahonda (Madrid)	Group A I (a), Group A I (c), A II Group A III (a), Group A III (b) Group B I (c) (β agonist)
	Laboratorio de Sanidad y Producción Animal Santa Fe (Granada)	Group B I (a) Except : — organochlorine, and organiphosphoris compounds and B I (c)
	Laboratorio de Sanidad y Producción Animal Algete (Madrid)	Group A I (b) Group B I (b)
	Laboratorio Arbitral del Ministerio de Agricultura, Pesca y Alimentación Carretera de la Coruña km 10,7 (Madrid)	Group B II (pesticides, organo chlorine and organo phosporus compounds, heavy metals)
France	Laboratoire de dosages hormonaux École nationale vétérinaire de Nantes CP 3028 F-44087 Nantes Cedex 03	Groups A I and II
	Laboratoire central d'hygiène alimentaire (LCHA) 43, rue de Dantzig F-75015 Paris	Groups B I (a); B II (a), (b) and (c)
	Laboratoire des médicaments vétérinaires (LMV) La haute Marche-Javené F-35133 Fougères	Groups A III (a) and (b); B I (b) and (c)
Ireland	Central Meat Control Laboratory Abbotstown, Castleknock IRL-Dublin 15	Groups A I, II and III Group B I, Except : — organochlorine, and organophosphorus compounds Group B II, Except : — polychrorinated biphenyls
	State Laboratory Abbotstown, Castleknock IRL-Dublin 15	Groups A I, I and III Groups B I and II
Italy	Istituto Superiore di Sanità Viale Regina Elena 299 I-00161 Roma	All groups
Luxembourg	Rijksinstituut voor Volksgezondheid en Milieuhygiëne Antonie van Leeuwenhoeklaan 9 NL-3720 BA Bilthoven	All groups
	Institut d'hygiène et d'épidémiologie Rue J. Wijtsman 14 B-1050 Bruxelles	All groups
The Netherlands	Rijksinstituut voor Volksgezondheid en Milieuhygiëne Antonie van Leeuwenhoeklaan 9 NL-3720 BA Bilthoven	All groups
	Rijkskwaliteitsinstituut voor land- en tuinbouwprodukten Bornesteeg 45 NL-6708 PD Wageningen	All groups

Member State	Reference Laboratory	Residue groups
Portugal	Laboratório Nacional de Investigação Veterinària Estrada de Benfica 701 P-1500 Lisboa	All groups
United Kingdom	Central Veterinary Laboratory New Haw, Addlestone UK-Surrey KT15 3NB	Groups A I, II and III Group B I
	Food Science Laboratory Colney Lane UK-Norwich NR4 7UA	Group A III Groups B I and II
	Veterinary Research Laboratories Stormont UK-Belfast BT4 3SD	Groups A I (a), (c), II and III Groups B I and II
	Food and Agricultural Chemistry Research Division Department of Agriculture for Northern Ireland Newforge Lane UK-Belfast BT9 5PX	Groups A I (b) and III Groups B I and II